Owner's Operation and Maintenance Manual

GENEXAIR SL5
Low Air Loss System

DEALER: THIS MANUAL MUST BE GIVEN TO THE USER OF THE SL5 MATTRESS SYSTEM.

USER: BEFORE USING THIS SL5 MATTRESS SYSTEM, READ THIS MANUAL AND SAVE FOR FUTURE REFERENCE.

GENADYNE

Basic Life Support

Mattress Type:

☐ N=Narrow ☐ S=Standard ☐ B=Bariatric

SPECIAL NOTES

SPECIAL NOTES

WARNING/CAUTION notices used in this manual apply to hazards or unsafe practices which could result in personal injury or property damage.

NOTICE

THE INFORMATION CONTAINED IN THIS DOCUMENT IS SUBJECT TO CHANGE WITHOUT NOTICE.

WARNING

WARNING

DO NOT OPERATE THIS EQUIPMENT WITHOUT FIRST READING AND UNDERSTANDING THIS MANUAL. IF YOU ARE UNABLE TO UNDERSTAND THE WARNINGS, CAUTIONS AND INSTRUCTIONS, CONTACT A HEALTHCARE PROFESSIONAL, DEALER OR TECHNICAL PERSONNEL IF APPLICABLE BEFORE ATTEMPTING TO USE THIS EQUIPMENT. OTHERWISE INJURY OR DAMAGE MAY RESULT.

SAVE THESE INSTRUCTIONS!

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SAFETY SUMMARY

WARNING

CONTRAINDICATIONS
Always consult the patient's physician before using the SL5 system.

INSTALLATION
The SL5 system MUST be installed on standard medical bed frames only, such as hospital, nursing home, and homecare beds.
A few bed frames have controls on the footboard that may be obstructed by the Power Unit. It will be necessary to relocate the Power Unit. See NON-STANDARD SECTION for alternate Power Unit locations.
Before placing a patient on the bed, be sure Air Hoses and Power Cord are clear of moving bed components. Operate all motorized functions through their full range of motion to be certain there is no pulling, interference, or pinching.

SMOKING IN THE PATIENT ENVIRONMENT
SL5 systems use room air for circulation through the mattress. Smoking by the patient is NOT permitted. A cigarette can burn a hole in the bed surface and cause damage to the mattress. Also, patient clothing, bed sheets, etc. may be combustible and cause a fire. Smoking by visitors in the room will contaminate the system. Therefore, visitor smoking is NOT permitted.

OXYGEN AND ANESTHESIA EQUIPMENT
There is an explosion risk if used with flammable anesthetics. There is a possible fire hazard when used with oxygen administering equipment other than nasal mask or 1/2 bed tent type. The oxygen tent should NOT extend below mattress support level.

ELECTRICAL
Before performing any maintenance to the Power Unit, disconnect the Power Cord from the wall outlet. Refer servicing to qualified personnel only. Grounding reliability depends upon a properly grounded wall outlet.

SERVICING
Other than the Air Filter, the SL5 contains no user-serviceable parts. DO NOT attempt to open the Power Unit—refer all repair questions to the Dealer. The SL5 MUST be maintained, inspected and tested according to the schedule in PAGE 18 to deliver consistent performance.
If your system requires service, contact Customer Service for a return shipment authorization number. Package systems in the original shipping box. Clean system components before shipment - unsanitary systems will be returned without servicing

SPECIFICATIONS

GENEXAIR SL5

AIR TUBES
Washable: Yes
Waterproof: Yes
Number of cells: Sixteen(16) LM Bladders, One(1) Lower Mattresses
Pressure Sections: One(1)
Tube Seam Bonding: RF Welded

PATIENT/MATTRESS INTERFACE
Vapor Permeable: Yes

FILTERS
Air Filter: Yes

WEIGHTS/CAPACITY
Control Unit: 9 lbs. (4kg)
Mattress: MNS 500 N= 20 lbs(9kg), MNS 500 S= 22 lbs(10kg), MNS 500 B= 25 lbs(12kg)
Maximum Patient Weight: MNS 500 N=350lbs (160 kg), MNS 500 S=350lbs (160 kg),
MNS 500 B=600lbs (272 kg).

AIR BLOWER
Service Life (est.): 20,000

DIMENSIONS
Mattress: 35 " (89 cm) W x 80" (203cm) L x 8" (20 cm) H (U.S.)
35" (89 cm) W x 76" (193cm) L x 8" (20 cm) H (EU.)
Control Unit Dimensions: 9.5" (24 cm) W x 13" (33 cm) H x 6" (15.2 cm) D

ELECTRICAL
Power: 88-132 V, 47-63 Hz, 2A Normal, 6A Max. (U.S.) (Operating)
176-264 V, 47-63 Hz, 2A Normal, 6AMax. (E.U.) (Operating)
Fuses: 6A/125 V. UL listed fuses

SAFETY
Listing Agency: Entela, CSA, IEC 60601

MATTRESS SANITIZATION
Fluid Entrapment: No (Seamless)
Detergent Resist.: Yes

REGISTRATION
2435947 (by FDA)

ENVIRONMENTAL CONDITIONS
Operating conditions: Ambient Temperature: 18°C to 34°C, 65°F to 94°F
Relative Humidity: 10% to 95%
Storage and Shipping Conditions: Ambient Temperature: 0°F to 110°F, -18°C to +43°C
Relative Humidity: 10% to 95%
Shipping: May be shipped on all conventional transport. Pack system in its original boxes to assure best protection. Do not drop or expose to impact greater than 25G's . Doing so can damage internal components and void warranty.

BED RAIL ENTRAPMENT RISK NOTIFICATION

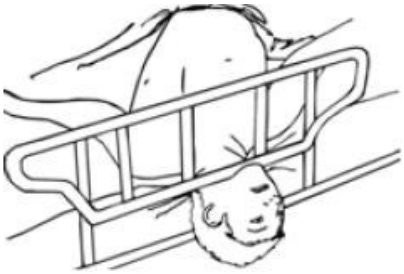
GENEXAIR SL5

NOTICE TO PATIENT, PATIENT'S FAMILY AND/OR PRIMARY DAY TO DAY CAREGIVER

DO NOT use this product without first completely reading and understanding this Bed Rail Entrapment Risk Notification and any additional instructional material such as owner's manual, instruction sheets and on-product warnings supplied with this product. If you are unable to fully understand this Bed Rail Entrapment Risk Notification, the on-product warnings or any additional instructional materials, contact the patient's health care provider and/or your equipment provider before using this equipment. Failure to understand and comply with the information contained in this Bed Rail Entrapment Risk Notification can result in serious injury or death.

Entrapment within the bed rail

Entrapment under the bed rail



Entrapment between the bed rail and mattress

Entrapment under the bed rail at the ends of the bed rail

Entrapment between the head or foot board and the end of the mattress

Entrapment between split bed rails

Entrapment between the end of the rail and the side edge of the headboard or foot board

BED RAIL ENTRAPMENT RISK NOTIFICATION

GENEXAIR SL5

Bed Rail Entrapment is a known risk in the use of bed's equipment with bed rails

Every patient is unique. Only the patient's medical care provider is familiar with the patient's unique medical condition and needs. Only the patient's medical care provider and/or the dealer from whom you obtained this equipment, upon proper assessment of the patient's medical condition and needs, can evaluate whether this equipment is appropriate for use by any particular patient and assist the patient, the patient's family and/or the patient's primary day-to-day caregiver in assessing the risk of entrapment.

Proper patient assessment, equipment selection, frequent patient monitoring and compliance with instructions, warnings and this Bed Rail Entrapment Risk Notification is essential to reduce risk of entrapment.

Accessories have been developed in the industry to reduce the openings in existing bed systems that could cause entrapment. Any modification through the use of accessories must be used in conjunction with proper patient assessment prior to intervention. For a full discussion on this topic, see the Hospital Bed Safety Workgroup's "A Guide for Modifying Bed Systems and Using Accessories to Reduce Risk of Entrapment" which can be found in the FDA website at http://www.fda.gov.

Conditions such as restlessness, mental deterioration and dementia or seizure disorders (uncontrolled body movement), sleeping problems and incontinence can significantly impact a patient's risk of entrapment. Pediatric patients or patients with small body size may also have an increased risk of entrapment.

- Bed rails are intended to prevent an individual from inadvertently rolling out of bed, provide assistance to a patient when repositioning and to provide a sense of security. NEVER use bed rails for restraint purposes where "restraint" means preventing or hindering the patient within the bed from exiting the bed as they wish. Use of rails as a means of restraint significantly increases a patient's risk of entrapment.
- Bed rails are intended to be used as a pair in a bed system. When in use, both side rails must be in the up position, except when the patient is entering or exiting the bed. Use with one side rail up and one side rail down could create an increased risk of entrapment.
- Bed rails and/or their mountings should not be used if they are bent or otherwise deformed. Bent or deformed bed rails and/or bed rail mountings increase gaps and increase the risk of entrapment. DO NOT place pressure upon bed rails while moving the bed. Although bed rails are not rated to any specific patient weight limitation, the bed rails or their mountings may become deformed or broken if excessive side pressure is exerted on the bed rails.
- Mattress overlays or active therapeutic support surfaces (TSS), which support the patient on an air mattress or specialized foam layer, may present an increased risk of entrapment for some patients. The benefit of TSS product use must be weighted against the potential increased risk of entrapment. The risk judgement must be performed by a medical professional.

The U.S. food and Drug Administration in partnership with the U.S. Department of Veteran Affairs, Health Canada's Medical Device Bureau and representatives from national health care organizations and provider groups, patient advocacy groups, and medical bed and equipment manufacturers including Hospital Bed Safety Workgroup, a collection of experts from the United States FDA, health care professionals and manufacturers of hospital beds, published guidelines regarding body part dimensions as they relate to a bed system's safety. These guidelines. "Hospital Bed System Dimension and Assessment Guidance to Reduce Entrapment" contain additional information on the risk of entrapment. Visit the FDA website at http://www.fda.gov and search for "bed rail entrapment" to learn about the risk of entrapment or to view the FDA guideline document.

The above statements are not intended to be a complete or comprehensive list of all risks of entrapment. Genadyne Biotechnologies, Inc. recommends that whenever bed products are used that the patient, the patient's family and/or the patient's primary day-to-day caregiver discuss entrapment risks with the patient's medical care provider.

QUICK REFERENCE

Low Air Loss Therapy:

Since its introduction in the early 1970's, Low Air Loss Therapy has become an increasingly important and effective treatment modality for pressure ulcers. Low air loss therapy has been shown to reduce the incidence of skin lesions induced by maceration. Shear and the loss of capillary blood circulation. It also minimizes the formation of bacterial growth sites in sedentary or bed-bound patients.

Low air loss therapy maintains peripheral circulation by distributing the patient's weight over several low pressure mattress sections. The even distribution of pressure on the skin prevents capillary closure (capillary occlusion typically occurs at skin interface pressure greater than 32 mm Hg), tissue viability is maintained around bony prominences, such as the trochanter and coccyx. In addition, controlled air loss from the mattress surface removes perspiration and other bacteria supporting fluids.

About the SL5:

The SL5 air mattress system is a Class II Medical Device and type BF (not defibrillation proof) applied part.

Genadyne Biotechnologies manufactures and sells support surfaces for wound care. These mattress systems are intended for the prevention and healing of decubitus ulcers (also called pressure ulcers and bed sores) and for patient comfort.

FRONT PANEL FEATURES

ON Button Press and hold the ON button in order to check that all the lights on the front panel are working. To power up the power unit press and release the ON button.

FIRMER/SOFTER Buttons Select comfort setting by pressing FIRMER or SOFTER button. There are ten (10) levels of comfort setting indicated by the ten lights on the display. Softer settings generally result in reduced pressure areas on the body, however, too soft of a setting will allow the patient's body to depress in the center and possibly bottom out on foam cushion on the bottom of the mattress. Try to achieve a level body position with the lowest comfort setting.

MAX INFLATE Button Use the MAX INFLATE button when required to transfer the patient to a chair, to move the patient to a new position or when examining a patient. The max inflate mode will be active for 30 minutes. The controller will automatically return the mattress pressure to the previous setting level.

FOWLER Button Use the FOWLER button when desired to place the patient in an upright or sitting position. The Fowler mode will be active for 30 minutes. The controller will automatically return the mattress pressure to the previous comfort setting level.

PULSATE Button Use the PULSATE button when desired for pain management. It varies the amount of pressure on the patient. It will go to a pressure slightly above and slightly below the comfort setting in a 45 second time span. This creates a wave like motion to help increase blood flow and circulation in the patient.

ALARM SILENCE Button Use the ALARM SILENCE button to acknowledge and silence the alarm when there is low air pressure detected or when power to the pump has failed. The alarm light will remain on until the fault has been corrected.

FIGURE 1 - SL5 Control Panel

RIGTH SIDE PANEL FEATURES

Air Hose Connection Single connection. Release the air hose connection to rapidly deflate the mattress to perform CPR.

CPR The hose connection at the control unit is marked CPR, disconnect the hose from the control unit. Place a cardiac board under the patient and initiate CPR. To reinflate the cushions, reattach the hose to the control unit. It is advisable to place the patient on a hard surface like the floor or a table for effective chest compressions rather than on the bed because the bed frame may have a suspension system that will absorb compression efforts.

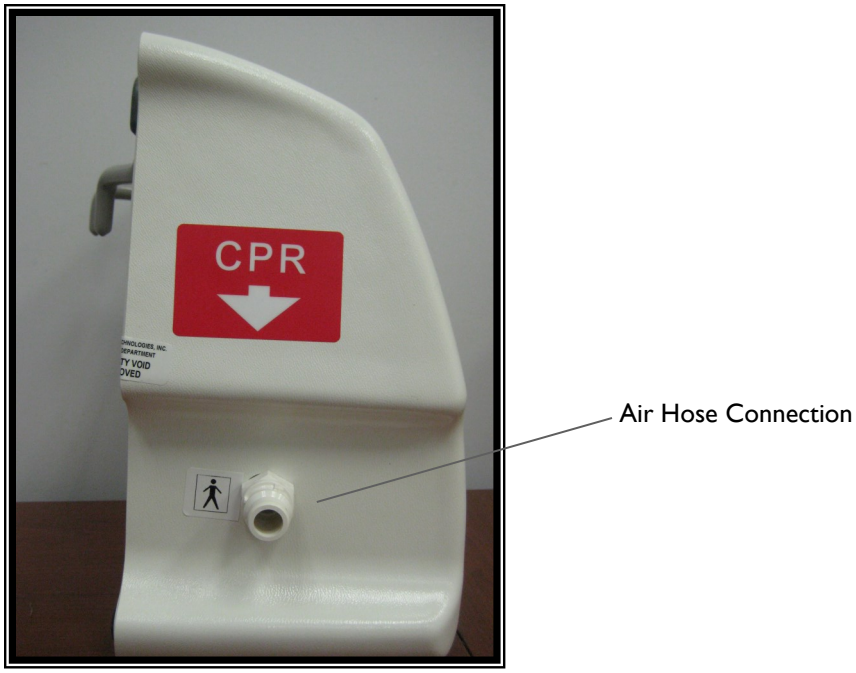


FIGURE 2 - SL5 Right Side Panel

REAR PANEL FEATURES

Bed Hooks Swing-out Hooks fit most bed footboards.

Air Filter Air filter access

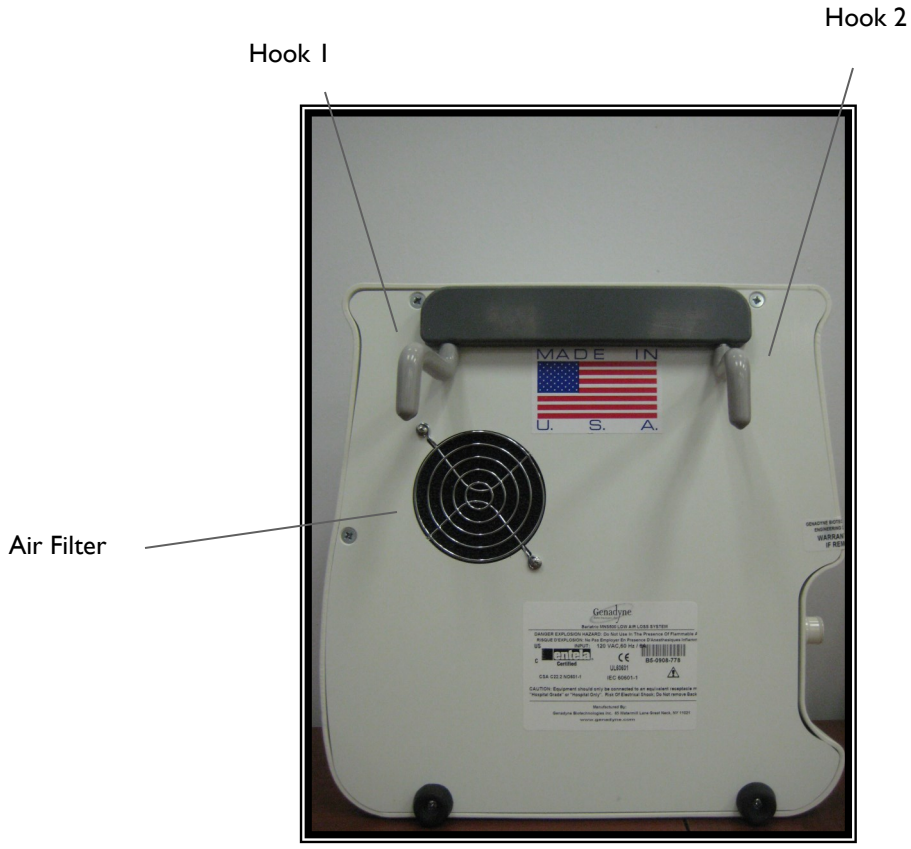


FIGURE 3 - SL5 Rear Panel

LEFT PANEL FEATURES

Power Entry Module UL listed fuses are used for the power entry module.

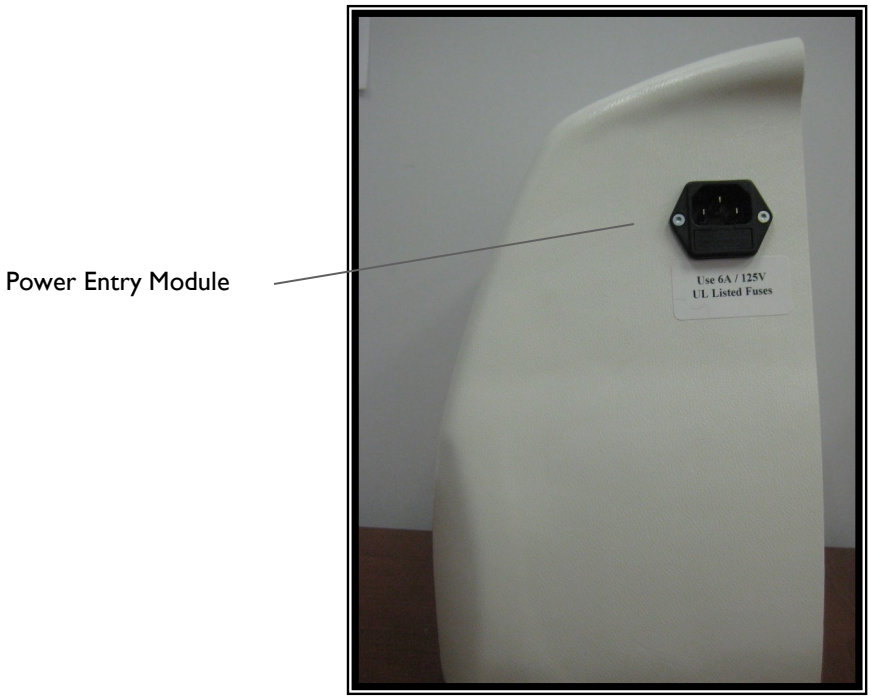


FIGURE 4 - SL5 Left Panel

Genadyne products are designed for simple, reliable operation. Once the initial adjustments are made, little attention is required other than routine service.

Bed Placement and Preparation
The bed MUST be a standard hospital bed or medical-grade home care bed. Remove the original bed mattress and place it in storage.

Power Unit Installation
The standard power unit installation is on the upper edge of the footboard. Swing-out the bed hooks and place the power unit on the footboard.

Mattress Installation
1. If necessary, lower the side rails to facilitate installation of the mattress.
2. Roll out the mattress onto the bed frame with the hose connection at the foot end.
3. Secure the six (6) tie-down straps to the ends and sides of the bed frame at the convenient locations by performing the following:

NOTE: Make certain that the side rails can move freely.

A. Thread the strap ends through the buckles provided and take up the excess slack.

B. To release strap tension, lift the tab on the buckle.

Air Hose Connection (Figure 5)
This mattress has one tube at the foot of the bed. Find the end of the tube. It will have a female connector on it. Insert it into the male connector on the side of the pump until you hear or feel a click.

It is important to route the tubing connecting the pump to the mattress so that it cannot be stepped on, kinked, squeezed or otherwise damaged.

NOTE: The SL5 mattresses and matching pump are designed to be used as a system. Do not replace mattresses or pumps with other models or other brands. Contact your supplier to get the correct replacement if needed.

Power Cord
1. Plug rectangular end of the supplied power cord into the power entry module on the side of the pump. (Figure 6)
2. Run the power cord on the floor under the center of the bed.
3. Plug the round end of the plug into a suitable hospital grade outlet in the wall.

Use the hospital grade power supply cord that came with the pump.

Carefully route the plug cord so that it can not be pulled out of the outlet, damaged from nearby furniture, cleaning devices or people. If the plug is damaged call your supplier for a replacement hospital grade cord. Do not alter plug to fit a non-conforming outlet. Instead, have an electrician install a hospital grade outlet. Failure to use the correct plug and outlet can result in a potential safety hazard.

Power to the System
Turn the power on by pressing "ON" button on the control panel. While the button is pressed all the lights will activate. Once your finger Is removed from the button normal operation of the pump will begin. Allow up to 3 minutes for the mattress to fully inflate.

Once the mattress is fully inflated, the patient may be placed on the mattress. Be sure to have their feet at the end of the mattress where the connector tubes are and their body centered on the mattress.

Figure 5. Air Hose Connection

Figure 6. Power cord into power entry module

Patient Placement and Management

1. Ask the nursing staff to place the patient on the bed.
2. Center the patient on the bed from side-to-side and head -to-foot.

NOTE: Special positioning may be required with con-tracted patients to provide comfortable positions.

3. Adjust the comfort range to the desired firmness to avoid bottoming out.

4.If the patient feels the bed is too soft/hard press the SOFT/FIRM comfort adjust buttons accordingly while not allowing the patient to bottom out.

5.Press the Mode button to select the desired operation mode.

6.After placing the patient, make certain no objects will fall under the patient, such as feeding tubes, IV's etc.

7. Use a regular pillow to help support and stabilize the patient's head.

Head Raised Position

Before elevating the head of the bed, elevate the knee section first. Head elevation without knee elevation may cause the patient to slide toward the foot of the bed.

Elevate the head of the bed to 30°-45°. Perform a hand check by placing two (2) fingers locally under the patients buttocks and between two air tubes. The patient should not bottom out. If they do, increase the comfort adjust one (1) level (LED light) at a time, until they no longer bottom out.

The head of the bed should be maintained at the lowest degree of elevation consistent with medical conditions. The lowest skin pressure is maintained with 0° to 20° head raise angle. Angles above 30° place more body weight over the seat area, reducing pressure relief. Instruct the caregiver to avoid head angles over 30° for extended periods, unless medically necessary (U.S. Department of Health and Human Services pub-lication No. 92-0048).

Patient Transfer From/To a Gurney

1. Select the MAXINFLATE mode to achieve maximum mattress pressure.
2. Raise or lower the bed to match the gurney height.
3. The mattress will become very firm so the patient can be slid onto the gurney.

WARNING

Always engage the wheel locks of the bed and gurney during patient transfers.

Patient Transfer From/To a Wheelchair

1. Press the "MAX-INFLATE" button and wait until the mattress is inflated.
2. Once the mattress is inflated, select desired comfort range.
3. Once the desired comfort range is set, select the desired mode of operation.

Side Rails

Some homecare beds have side rails.

WARNING

Set the side rail width so the rails touch the mattress. This is necessary to prevent the patient slipping into the gap between the mattress and a side rail.

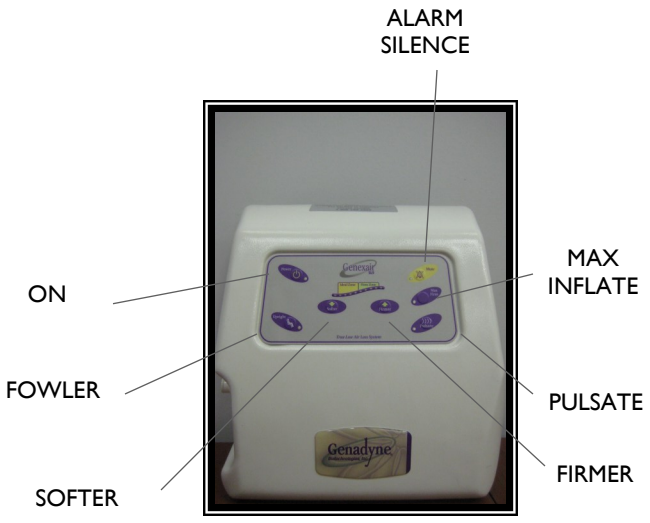


FIGURE 4 - SL5 Control Panel

SYSTEM SERVICING PROCEDURES

The following describes general procedures concerning system setup, maintenance and collection. It is intended as a guideline.

Dress Standards

Standard clothing consists of street clothes, a lab coat, and two (2) pairs of gloves (one (1) pair is a spare). Protective clothing may include a mask, waterproof gown, face shield or other equipment Gloves should be worn when touching the patient, dressings or body fluids.

Proper procedures for donning and removal of pro-tective clothing should be observed.

Unit Setup

The SL5 system is made patient-ready at the dealership before delivery to the installation site. The mattress is pre-assembled and the power unit has been tested and ser-viced according to the **MAINTENANCE** section in this manual.

Ask the caregiver or nursing staff what isolation pre-cautions are required when performing adjustments with the pa-tient on the bed. Typically, if protective clothing is required, the institution will provide it to ail health care workers.

Routine Maintenance

Disposable gloves are worn on all maintenance visits. They are disposed of after visiting each patient. Hand washing is required before and after gloves are worn.

Filter maintenance should be scheduled. Consult the **MAINTENANCE** section for details. Typically, this includes changing the air filter element according to the prescribed schedule.

Collecting

1. When collecting the SL5 system, put on gloves and other protective equipment if required.

2. If necessary, inflate mattress.

3. Check the underside of the mattress folds for sharps (e.g. scissors, needles, etc.). These should be removed and discarded before proceeding with further cleaning or disassembly.

4. Examine the surface of the power unit and mattress assembly components for visible blood or body fluids. If blood is present, decontaminate. Ensure mattress is bagged and labeled before removal from the patient site.

5. If blood is not present, remove any gross soil from the cover with paper towels.

6. Dispose of towels according to institutional policy.

7. Wipe the cover surface down with a dilute detergent solution of quaternary cleaner disinfectant or other germicidal detergent solution, using a clean sponge or paper towel.

8. If necessary, press the ON button to turn off the power unit

9. Clean any soiled areas of the power unit and hose fittings with detergent solution.

10. Disconnect the air hose connector from the power unit and allow air to vent from the mattress.

11. GENTLY roll up the mattress with minimal handling and agitation

12. Verify the cover surface is inside the roll.

13. Place the used bedding in a laundry transport bag, appropriately labeled. Seal the bag before removing it from the room.

14. Used gloves should be disposed of properly ac-cording to institutional policy.

15. Move the entire system from the patients room to the transport vehicle.

All equipment should be inspected. Any item that is visibly soiled with the patient's blood or other body fluids should be properly cleaned or removed.

Recommended Cleaning Materials

Disinfectant chemicals should be registered, hospital-grade, and have effectiveness claims for destroying or inactivating harmful microorganisms. Use only in the manufacturer's recommended dilution. Never mix different chemicals together in the same container.

WARNING

DO NOT use chlorine based cleaners. Otherwise damage may occur to the SL5 system.

Phenolic disinfectants are supplied in highly concentrated form. They are tuberculocidal when used at the recommended dilution. They provide a high level of disinfection. It is also effective in decontaminating blood spills.

Quaternary cleaner disinfectants are supplied in highly concentrated form. They are usually capable of cleaning, deodorizing and disinfecting in a single operation. They are especially suitable for cleaning equipment at the patient site where low-level disinfecting or odor control is indicated.

Laundry disinfectant presoaks can be either phenol or quaternary chemicals. These products are suitable for adding to water as a presoak.

For lighter soil, the cover can be cleaned by topical wipe down with a PH balanced soap and water solution normally used to wash the patient. Rinse with water.

Cleaning at the Patient Site

Whenever the cover is visibly soiled, cleaning is done with the patient off the bed. Use a PH balanced soap water solution normally used to wash the patient. Rinse with water. If grossly soiled, the cover should be replaced, cleaned and decontaminated. Because of potential risk of infectious exposure, cleaning with the patient on the bed is not recommended.

The cover MUST be completely dry before placing the patient back on the mattress.

Cleaning and Decontaminating Spills of Body Fluids

Because of the risk of contracting HIV and hepatitis from contact with blood spills, cleaning MUST be done with protective clothing. Gloves MUST be worn during cleanup and hands should be washed thoroughly after completion. First, all visible soil should be removed with disposable paper towels. Next, the area should be scrubbed with freshly prepared effective phenolic detergent disinfectant solution. In general, chemical germicides that are registered for use as hospital disinfectants can be used to decontaminate blood spills.

Field Cleaning of Power Units

1. If necessary, press the ON button to turn the power off, and unplug the power cord.
2. Wipe all controls and chassis, including the hose fittings, with a quaternary disinfectant solution.
3. Where needed, gentle agitation with a nylon brush may be useful since crevices can harbor microorganisms.
4. All treated surfaces should be allowed to air dry before connecting the power cord and restarting the system.

You can **only** launder the **mattress cover**. Take the cover off the mattress (the zipper is located at the foot end of the mattress), (see Figure 8 and Figure 9) then follow the steps below;

Presoak/Washing Cycle

1. Place the cover in the washing machine and fill the tub with warm water (below 40°C [104°F]).

WARNING

DO NOT use chlorine based cleaners. Otherwise damage may occur to the SL5 system.

2. Add laundry disinfectant presoak.
3. Follow the manufacturer's dilution directions. Typical directions require agitation of the laundry for three minutes to ensure saturation, followed by a 10 minute soak.
4. Wash using the delicate load setting with warm water (40°C [104°F] max.) using detergent.

Machine Drying Method

Laundry workers should always wash their hands before working with clean bedding. Dry the cover below 20°C (68°F) in an industrial clothes dryer with accurate colors. (High air temperatures will damage the fabrics and will void the warranty.)

Figure 8– Unzipping the mattress cover

Figure 9– The mattress cover is unzipped

The SL5 is equipped with an air filter. The filter can be changed without moving the bed. Regular servicing will insure the blower operates at maximum power.

The air filter is located on the rear of the control unit behind the bed hooks. Check the air filter on a monthly basis for build up of dust/dirt. If build up is visible perform the following.

NOTE: the air filter is reusable. Do not discard the air filter removed from the control unit.

1. If the power is on, turn the power off by pressing ON button , and disconnect the power cord.
2. Remove the control unit from bed end.
3. Grasp the dirty air filter and gently pull to remove the air filter from the control unit and set aside.
4. Insert clean air filter and ensure the clean air filter covers the whole filter region. (Figure 10)
5. Hand wash the dirty air filter in warm soapy water and allow to airdry.
6. When dry, store the air filter in a safe place until the next filter maintenance.

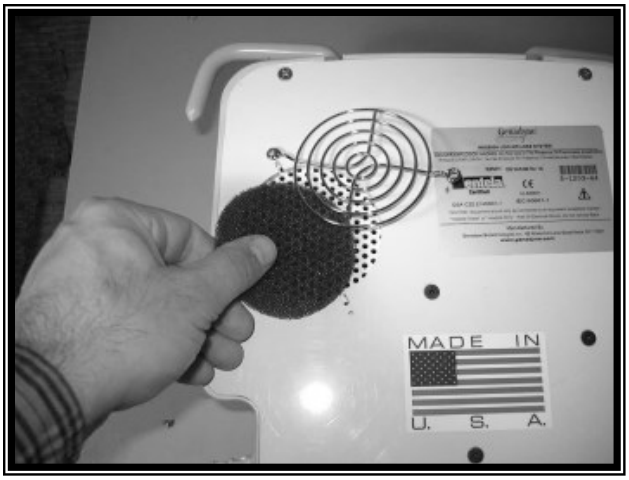


Figure 10– Inserting the clean air filter

TROUBLESHOOTING

The pump contains non-serviceable parts inside. Batteries inside unit are only to provide an alarm and indicator while there is a loss of power.

Control Unit does not turn on	Check the power cord. Be sure it is plugged in to both the wall outlet and into the side of the pump housing. Check that outlet has power by plugging in a device that you know is working.
Max Firm or Fowler modes turn off after some time	The Max Firm and Fowler modes are intended for temporary situations. These modes are only active for 30 minutes. Then the pump returns to the previous setting.
The mattress is deflating or has low pressure even though the pump is working	Check the mattress connections on the side of pump housing, check the connector tubes for kinking, crimping or damage, listen for air leaks around the mattress.
Pump turns off although the power light is still on and alarm is sounding Pump gets hot.	Check the connector tube and mattress manifold for restricted air flow or blockage, clean air filter on back of pump housing. Clear blankets, bed sheets or paper away from back of the pump. Be sure the air flow into the pump and into the mattress is clear.
Controls lock up or “freeze”, won’t accept any inputs.	Turn the pump off, unplug the pump wait a few seconds, plug back in and turn the pump back on. Check the filter on the back of the pump.
Patient’s body is sagging in the middle or bottoming out.	Increase the comfort setting using the Firmer key. Push the Firmer key once and wait two minute before making another change so that pressures can stabilize.
Patient is experiencing pain from mattress.	Decrease the comfort setting using the Softer button. Push Softer button once and wait two minutes before making another change so that pressures can stabilize. Wait until patient’s body starts to sag in the middle, then press Firmer button once to bring the patient’s body level.

INSPECTION, CLEANING, MAINTENANCE AND TEST INTERVALS FOR SL5 LOW AIR LOSS SYSTEM

TIME INTERVAL	DESCRIPTION OF REQUIRED ACTIVITY
When soiled	Clean the cover.
168 hours (1 week of continuous operation)	Wipe down the Cover, Air Hoses and Power Unit.
670 hours (4 weeks of continuous operation)	-Clean the Cover. -Remove and replace Air Filter Cartridge - Inspect Air Hose connections & Mattress Assembly function. - Inspect Power Unit and Power Cord.
Between Users	- Clean the Cover. - Perform general physical inspection of Mattress, Hoses, Power Unit and Power Cord. - Perform electrical line leakage test. - Perform electrical ground integrity test.
Annually, or after 8,000 hours of operation	- Clean the Cover. - Perform general physical inspection of the Mattress, Hoses, Power Unit and Power Cord. - Perform electrical line leakage test. - Perform electrical ground integrity test. -Remove and replace Air Filter Cartridge - Check for loose hardware or physical damage which might affect operation or safety.

INSPECTION AND TEST REPORT FOR SL5 LOW AIR LOSS SYSTEM

SHEET 1 OF 2

System Serial #: _____ Date: ____/____/_____

Hour Meter Reading: _____ Service Person: _____
Print Name

Service Performed: ☐ 1,000 Hours ☐ Repair

☐ Annual or 8000 ☐ Post Decontamination

PHSICAL INSPECTION CHECKLIST

ITEM	OK	BAD	COMMENTS
Mattress			
Air Tubes			
CPR Label on Air Hose Connector			
Air Filter			
Air Hoses			
Power Unit			
Power Cord			
Mounting Hardware			
Marking and Labels			
Other			

INSPECTION AND TEST REPORT FOR SL5 LOW AIR LOSS SYSTEM FOR HOSPITAL INSTALLATIONS

SHEET 2 OF 2

ELECTRICAL INSPECTION CHECKLIST

ITEM	PARAMETER	REQUIREMENTS
Electrical leakage: Normal Reverse Ground Connected	_____microamps	No reading shall exceed 100 micro-amps
Ground resistance from plug to Power Unit chassis:	_____milliohms	Resistance shall not exceed 100 mil-liohms

This unit has: _____passed _____failed the above inspections. If failed, the following repairs and corrections are required _____. _____

I certify that this unit conforms to all of the above test and inspection criteria and that scheduled maintenance has been performed as indicated.

I certify that this unit is suitable for service.

_____ of _____ _____/____/_____

Signature Service Person Date

SOURCES FOR GERMICIDAL CHEMICALS

The following companies offer germicidal chemicals through distributors:

A93	Ecolab
Alcide LD®	Alcide Corporation
Blue Chip®	S. C. Johnson & Son Inc.
Ellmsoaph	Walter G. Ledge
Forward DC®	S. C. Johnson & Son Inc.
Galahad	Puritan/Churchill Company
LPH®	Merck & Co. Inc.
Lysol I. C. Quatamary®	Sterling Drug Inc.
Lysol I. C. Phenolic®	Sterling Drug Inc.
Omega	Ecolab
One-Strock	Steris Corp.
Pro-Tech RDI-368	Ecolab
Quat Sanitizer	Central Solutions, Inc.
Sanikleen	Ecolab
Vesphene II®	E. R. Spuibb & Sons, Inc.
Virex 128®	S. C. Johnson & Son Inc.
Viro-Check	Bob Barker Company, Inc.

Genadyne Warranty Policy

Genadyne warrants its products, as listed below for one year on the pump and one year on the mattress.

This warranty does not cover damage or breakdown to Genadyne units due to misuse or improper handling.

The company will repair pumps and mattress system outside of the warranty coverage and shall bill the customer for parts and labor.

Items sent in for repairs outside of warranty period that are paid shall have a limited 90 day warranty commencing from the date the product is shipped back to the customer.

Items sent in that are covered under the warranty period shall not have their warranty extended , other than having the time remaining on the warranty continue once the repaired product is shipped back to the customer.

The company also reserves the right to revise the warranty policy from time to time and to issue different warranty policies for different products.

This warranty shall supersede and replace all warranties of merchantability and fitness applicable to the fullest extent allowed under the laws of the State of New York.

—-Warranted Products—-
MNS400 / GENEXAIR SA4 Air Mattress System
MNS500 / GENEXAIR SL5 Air Mattress System
MNS600 Air Mattress System

GENADYNE

Basic Life Support

Distributed by

For more information about GENADYNE and other products please call us or visit our website:
www.GENADYNE.com

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1.516.487.7878 (Fax)

www.genadyne.com

All products are made in the U.S.A.